

# Kenwood DMX7722DABS Specification

6.8 "WVGA capacitive touch panel with sharp, high-contrast images, vivid colors and wide viewing angles.
Wi-Fi built-in for convenient wireless connection with a compatible smartphone.
DAB+ radio tuner for noise & interference free reception and crystal-clear digital stereo sound.
Bluetooth(R) Wireless Technology for hands-free calls and music streaming. (Available functions depend on cell phone).
Supports CarPlay wirelessly (Wifi) and wired (USB).
Supports Android Auto wirelessly (Wifi) and wired (USB).
Supports Android USB Mirroring including 2-way touch control capability.
Dedicated rear view camera input with parking guide lines
3 RCA high power (2.5V) preouts (front/rear/sub)
Digital Sound Processor, Time Alignment & 13-Band EQ for optimal sound tuning enhancements
Short body (75mm) for easy installation.

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## General Features

DIN Size	2 DIN
Smooth GUI	Yes
Selectable GUI Background Wallpaper	Yes
Key Illumination	Variable color
<u>Touch sensor</u>	Yes
Attenuator with Smooth Volume Return	Yes
Touch Sensor Tone	Yes
<u>Optional IR remote controller</u>	Yes, KNA-RCDV340
Digital Clock (24H)	Yes
<u>Built-in Bluetooth</u>	Yes
<u>DAB Tuner Built-in</u>	Yes
Wifi built-in	Yes
<u>Made for iPod</u>	Yes
<u>Works with Apple CarPlay</u>	Yes
<u>Works Wireless with Apple CarPlay</u>	Yes
<u>Works with Android Auto</u>	Yes
<u>Works Wireless with Android Auto</u>	Yes
<u>Android USB Mirroring</u>	Yes
<u>Firmware upgradable</u>	Yes

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## Monitor Features

LCD type	6,8 inch Wide VGA
LCD backlight	LED
<u>Display Mode</u>	3 Mode (Full(default)/Auto/Normal)
Screen Adjustments	Noon/Night Mem/Brightness/Tint/Colour/Contrast
<u>Dimmer function</u>	Manual/Sync
Dimmer Level	Auto/On/Off
Visual Source Mode	CarPlay/Android Auto.
<u>Touch Panel</u>	Capacitive
Display Type	Glare
Display film	Anti Fingerprint
<u>Viewing Angle Adjustment</u>	"0" (Default) / "-1" / "-2" / "-3"
NTSC/PAL judge	Yes (Auto)
Display Off Mode	Yes

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## Multimedia GUI Features

Menu text	14 languages: ▶ English(UK)(Default) ▶ English(US) ▶ Spanish ▶ French ▶ German ▶ Italian ▶ Dutch ▶ Russian ▶ Portuguese ▶ Hebrew ▶ Greek ▶ Polish ▶ Czech ▶ Hungarian
Software updates (SoC)	via USB
Demonstration Mode	Yes
<u>Top Menu Customize</u>	Yes
Background Customize	preset x 9 + user set x 1
Screen Capture	Yes
R-CAM interrupt	Yes
R-CAM Caution On Screen Display	Yes
<u>R-CAM Parking Guide Lines</u>	Yes

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## Network & Wifi features

<u>WiFi built-in</u>	built-in
Frequency Range	Dual Band (2.4GHz / 5GHz)
IEEE standard	802.11a/b/g/n/ac
<u>Wifi connection for Apple CarPlay</u>	Yes
<u>Wifi connection for Android Auto</u>	Yes

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## Tuner Features

<u>Station Select</u>	List
Tuner Type	JKTS
FM Reception	Yes
<u>FM Stereo / Mono Selector</u>	Yes
<u>AM (MW/LW) Reception</u>	Yes
AM Reception	Yes
<u>FM(RDS) + AM(MW/LW) Tuner</u>	Yes
<u>Tuning mode</u>	Auto1/Auto2/Manual
<u>Up/Down Seek/Scan</u>	Yes
Tuner Presets (FM/AM)	20 Presets (15FM / 5AM)
<u>Automatic Memory Entry (AME)</u>	Yes
<u>Radio Data System</u>	Yes
<u>Radio Text Plus</u>	Yes
Traffic Information	Yes
Local search	Yes
<u>Auto TP search</u>	Yes
<u>Enhanced Other Networks Function (EON)</u>	Yes
<u>Program Type Function (PTY)</u>	Yes

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## CE DAB tuner features

<u>DAB+ tuner built-in</u>	Yes
<u>Digital Radio Certification Mark</u>	Yes
DAB/DAB+ Band	Band III
DAB/DAB+ Transmission Mode	I, II, III, IV
Intelligent seek	Yes
Tuning mode / Seek mode	Auto1/Auto2/Manual

Service preset	5 ch * 3 bank presets,
Preset list	Yes
Alphabet Search	Yes
<u>Traffic Information</u>	Yes
DAB-DAB/DAB-FM auto switch	Yes
<u>Seamless DAB-FM blending</u>	Yes
<u>DMB (Digital Multimedia Broadcasting) support</u>	Yes
Announcement Switching (ASW) Select	Yes
<u>EPG (Electronic Program Guide)</u>	Yes
<u>Soft linking</u>	Yes
Antenna power supply on/off switch	Yes

## Bluetooth General Features

<u>Hands Free Profile (HPF)</u>	Ver. 1.8
<u>2 phones full time connection</u>	Yes
<u>Audio Streaming (A2DP)</u>	Yes
<u>High Quality Audio Streaming</u>	SBC/AAC
<u>Serial Port Profile (SPP)</u>	Yes
Simple Secure Pairing (SSP)	Yes
<u>Phonebook Access Profile (PBAP)</u>	Yes
<u>Audio/Video Remote Control Profile (AVRCP)</u>	Yes, V1.6
Multi Profile Support	Yes
<u>iPhone &amp; Android automatic pairing via USB</u>	Yes
<u>KENWOOD Music Mix Support</u>	Yes
Private mode	Yes
Interrupt call request	Yes
Voice Control	Yes
Noise Canceller	Yes
Echo Canceller	Yes
High-quality noise canceling microphone	External microphone unit

## Playable Audio File

<u>AAC (*.m4a) files are playable</u>	USB
<u>AAC (*.aac) files are playable</u>	USB
<u>MP3 files are playable</u>	USB

<u>WMA (.wma) files are playable</u>	USB
<u>WAV (.wav) files are playable</u>	USB
<u>FLAC files are playable</u>	USB

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## CE\_Playable Video file

MPEG1/2 files are playable	USB
<u>MPEG4 files are playable</u>	USB
WMV files are playable	USB
<u>H.264 files are playable</u>	USB
<u>mkv files are playable</u>	USB
JPEG files are playable	USB (for wallpaper)
BMP files are playable	USB (for wallpaper)
PNG files are playable	USB (for wallpaper)

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## USB Features

<u>USB terminal</u>	Yes, rear side
<u>USB Type</u>	2.0 High speed
Yes	
<u>Drive Change</u>	Yes
Works with Android Auto	Yes
<u>Works with Apple CarPlay</u>	Yes
<u>USB Mirroring for Android</u>	install "Mirroring OA for KENWOOD" from Playstore
Repeat Play	Folder/File/All
Random play	Folder / File
<u>Category search</u>	Yes
Resume play	Yes
Time code display	Yes
<u>1.5A Smartphone Quick Charge</u>	Yes

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## iPod Features

Connection via:	USB / BT / Wifi
<u>iPod Accessory Protocol (iAP)</u>	iAP2
<u>Works with Apple CarPlay</u>	yes

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## Audio features

Max. Output Power	4 x 50W
<u>Pre-out</u>	3RCA: Front/Rear/Subwoofer
Pre-out Output Level	2.5V
<u>Volume Offset</u>	Yes
Att.(-20dB) with smooth Volume Return	Yes

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## Multimedia DSP Features

DSP Chip	JKTS DSP
Position Control	Yes
Position Preset	4 Presets
Position Cabin Size	Yes
Graphic Equalizer	13 bands
G-EQ KBS	Yes
G-EQ manual setting	Yes
G-EQ adjustable level	Yes, +9dB / -9dB
High Pass Filter (HPF)	Yes
Low Pass Filter (LPF)	Yes
3-Way X'Over	Yes
Channel Level Control	Yes
Space Enhancer	Yes
Supreme	Yes
Realizer	Yes
Loudness	Yes
Stage EQ	Yes
Bass Boost	Yes
<u>Drive EQ</u>	Yes
Speaker Size & Location Control	Yes
<u>Listening position control / Time Alignment</u>	Yes
Equalizer presets / User set	8 presets / 4 User set
Balance & Fader Control	Yes
Source Volume Offset	source independent

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## Video Features

Audio Video Output	Yes, Video: RCA, Audio: mini-jack
<u>Audio/Video Input</u>	Yes, Mini-jack (Rear)
<u>Video-In for Rear-view Camera</u>	1 dedicated video input (RCA)
Detection Mode Rear View Camera	Reverse sensor wire
<u>Parking Guide Line</u>	Yes

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## Connectivity

USB interface	1x Rear
<u>OEM Wired Remote Control ready</u>	Yes
<u>Programmable OEM Steeringwheel Remote Function</u>	Yes
DC-Cord	NEW Mitsumi to ISO
<u>Parking sensor (handbrake) wire</u>	Yes
<u>Power Control (P.CON) wire</u>	Yes
Dimmer control wire	Yes
Preout	3 x RCA (Front/rear/subwoofer)
AV-Input	1x mini-jack (selectable: AV-in / Camera-in)
Video Out	RCA x1
<u>Reverse sensor wire</u>	Yes
<u>Rear View Camera Input</u>	Dedicated RCA Video-in
GPS Aerial Input	HRS GT5-1S connector
FM Antenna Input	JASO connector
DAB Aerial input	SMB connector
External microphone input	3,5mm mini-jack

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## Audio Specifications

Maximum Power	50W x 4
Output Power (DIN45324,+B=14.4v)	22W x 4
Output frequency band	20Hz ~ 88kHz
Preout Level	2.5mV / 10kOhm,
Preout Impedance	≤ 6000hm
Speaker Impedance	40hm ~ 80hm

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## Video Specifications

Color System of External Video Input	NTSC/PAL
External Video Input Level (RCA)	1 Vpp / 75 Ohm
External video input level (mini-jack)	1 Vpp / 75 Ohm
External audio max. input level (mini-jack)	2 Vpp / 25 kOhm
Video input level (RCA)	1 Vpp, 75 Ohms
Video Output Level (RCA)	1 Vpp / 75 Ohm

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## Monitor Specifications

Screen size (Diagonal)	6.75 Inches Wide
Screen Size (WxH)	151.8 x 79.7mm
Display system	Transparent TN LCD Panel
Drive system	TFT Active Matrix System
Number of Pixels	1152000pixels (800(H) x 480(V) x RGB)
Effective pixels	99.99%
Pixel arrangement	RGB Striped
Back lighting	LED (Light Emitting Diode)

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## General Specifications

Operation voltage	12V DC car battery
Dimensions Main Unit (WxHxD)	182 x 111 x 74mm
Weight Main Unit	1200gr, (Sleeve & Escution included)

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## Accessories

Release keys	2 pieces
Escutcheon	Yes
Installation Sleeve	Yes
<u>DC cord (Mitsumi to ISO)</u>	25 cm
GPS antenna	with 3.5 m cable
<u>GPS Antenna Ground Plane Mount (Adhesive Metal Pad)</u>	Yes
Handsfree Microphone	with 3 m cable
Multi-Language Instruction Manual Included	Quick-Guide + Instruction manual